

**Abstract**

The invention relates to a device for operating an oscillatable unit (1) of a vibration resonator, including a piezodrive (2), which is connected with the oscillatable unit (1), and a feedback electronics. The feedback electronics (3) excites the piezodrive (2) to oscillate by means of a periodic exciter signal (20) having rising and falling edges. The response signal (21) of the piezodrive (2) is fed back to the feedback electronics (3). Presently additionally is at least one peak compensation unit (4), which removes from the response signal (21) at least one interference signal (22), which results from the charge-reversal process of the piezodrive (2). The invention includes, that, provided in the peak compensation unit (4), is at least one suppression unit (5, 13) having at least one switch element (6, 14). The suppression unit (5, 13) is controlled by the exciter signal (20) of the feedback electronics (3) in such a manner that the piezodrive (2) is connected conductively to ground during the rising and/or during the falling edges of the